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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Sagner *et al.*

Application No.: 09/823,712

Filed: March 30, 2001

For: METHOD FOR DETERMINING  
THE EFFICIENCY OF NUCLEIC  
ACID AMPLIFICATIONS

Art Unit: 1655

Examiner: Chakrabarti, Arun K.

Attorney Docket No.: 5443 (1803-326-999)

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TRANSMITTAL OF ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231


Sir:

Enclosed herewith is an Associate Power of Attorney for the above identified application.  
Applicant's attorney requests the Power of Attorney be accepted.

The Commissioner is authorized to charge any fees associated with this communication  
to our deposit account number 16-1150. A copy of this sheet is enclosed for such purpose.

Respectfully submitted,

Date: December 4, 2002

  
Rahul Pathak 42,983  
(Reg. No.)

For: Nikolaos C. George (Reg. No. 39,201)  
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Attorney Docket No.: 19094-US  
(1803-326-999)

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

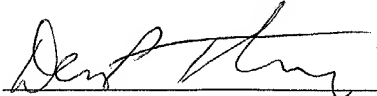
The undersigned attorney of record in the above-entitled application hereby  
appoints:

Nikolaos C. George (Reg. No. 39,201)  
George C. Jen (Reg. No. 39,239)  
Jennifer A. Haynes (Reg. No. 48,868)  
Charles M. Doyle (Reg. No. 39,175)

to prosecute the above-identified application, to make alterations and amendments  
therein, and to transact all business in the Patent and Trademark Office in connection  
therewith.

Respectfully submitted,

Date: 11/12/02

  
Dennis Tramaloni (Reg. No. 28,542)